

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

1021.39339VX1

SERIAL NO.

10/664, 870

~~Not yet assigned~~

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT
FUTAMOTO, et al

FILING DATE

September 22, 2003

GROUP

1773

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D. IF APPROP.
HHC	200208357	3/02	Shukh et al	428	694TM	
HHC	4687712	8/87	Sugita et al	428	611	
HHC	5226966	7/93	Mallary et al	118	623	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES
10228620	8/98	Japan			
60140525	7/85	Japan			XX
1227216	9/89	Japan			XX
785442	3/95	Japan			XX
6103550	4/94	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

HHC	T. Nishihara et al, "High SN Ratio and Signal-Stability in Triple Layer Perpendicular Media, Central R&D Center, JVC, pp. 104-108.
HHC	J. Desserre, "Crucial Points in Perpendicular Recording", IEEE Transactions on Magnetics, MAG-20, No. 5, September 1994, pp. 663-668.
HHC	S. Iwasaki, "Perpendicular Magnetic Recording-Evolution and Future", IEEE Transactions on Magnetics, vol. MAG-20, No. 5, September 1994, pp. 657-662.

EXAMINER

H. W. H.

DATE CONSIDERED

1/27/06

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])